

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033125\
 Data File : VN086176.D
 Acq On : 31 Mar 2025 17:50
 Operator : JC\MD
 Sample : PB167374TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB167374TB

Quant Time: Apr 01 01:38:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

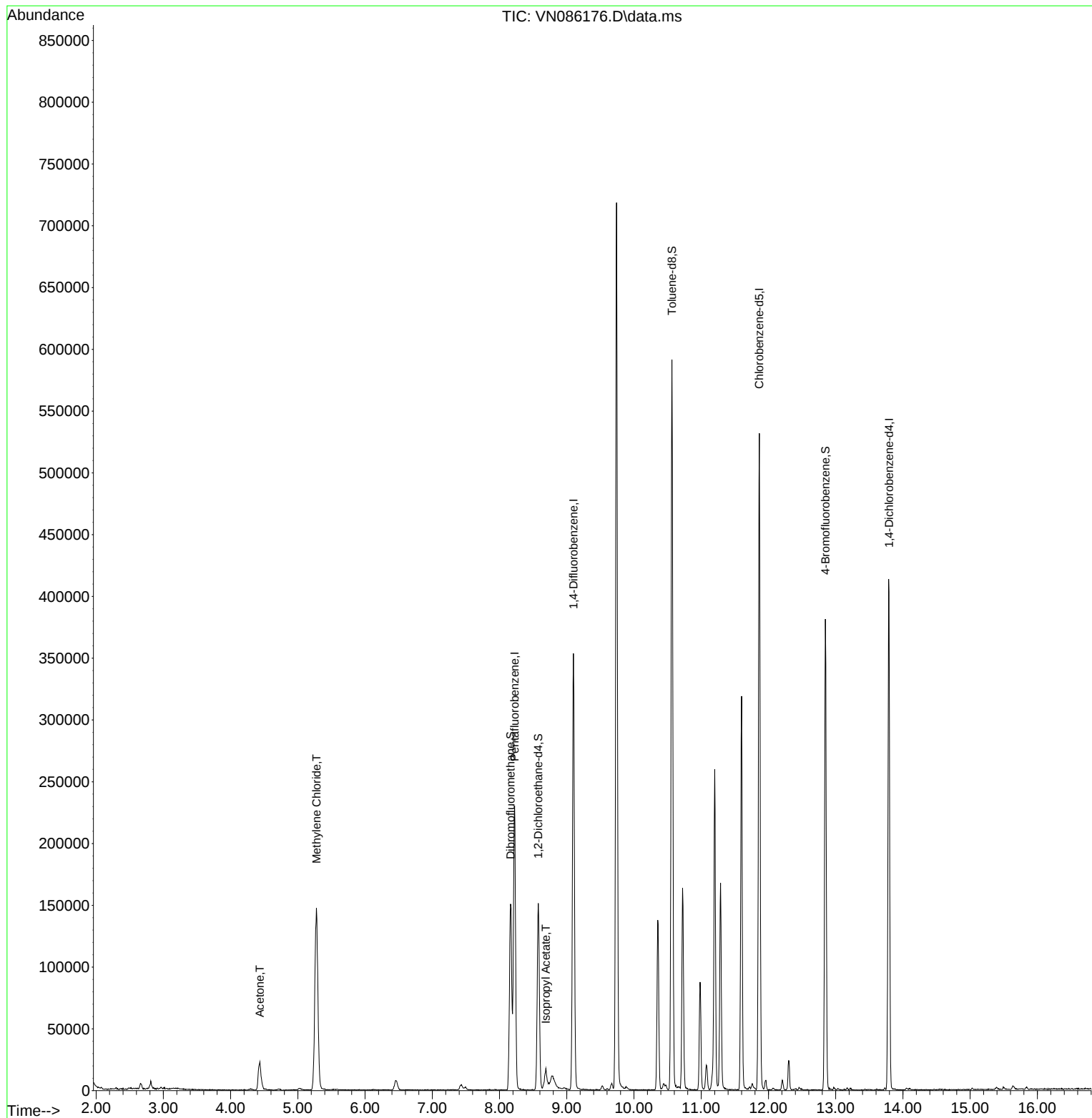
Internal Standards						
1) Pentafluorobenzene	8.224	168	169659	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	311763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	313539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119498	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	125907	54.195	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	= 108.400%		
35) Dibromofluoromethane	8.165	113	111029	51.023	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	= 102.040%		
50) Toluene-d8	10.565	98	416596	52.750	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	= 105.500%		
62) 4-Bromofluorobenzene	12.847	95	136216	48.363	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	= 96.720%		
Target Compounds						Qvalue
16) Acetone	4.436	43	43469	61.244	ug/l	100
20) Methylene Chloride	5.277	84	123304	59.385	ug/l	93
43) Isopropyl Acetate	8.688	43	19067	3.640	ug/l #	77

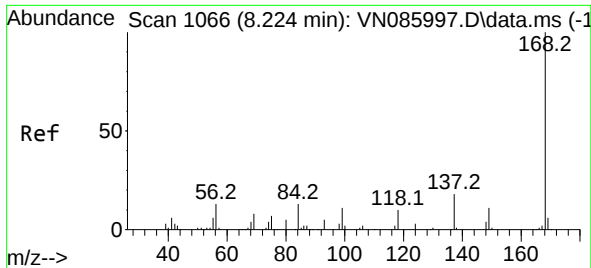
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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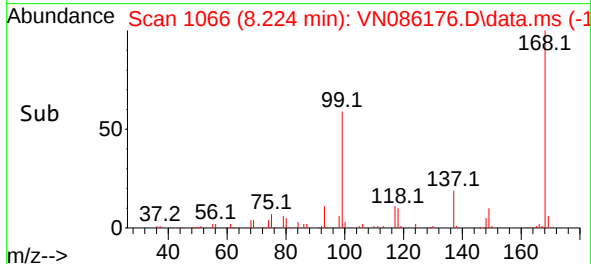
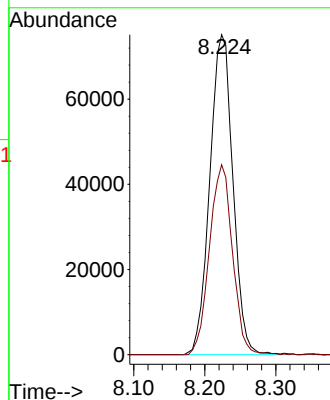
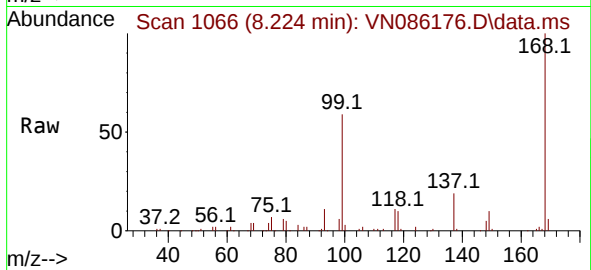




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086176.D
Acq: 31 Mar 2025 17:50

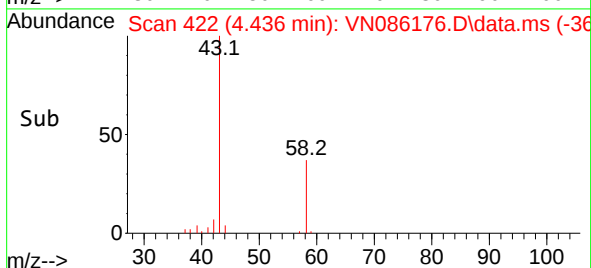
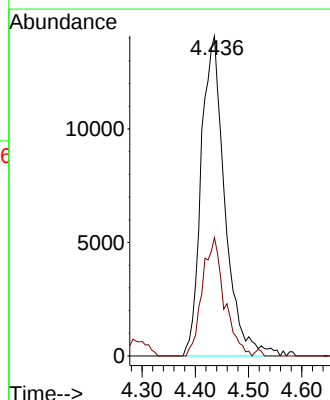
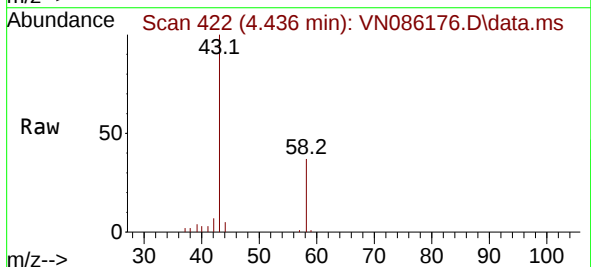
Instrument :
MSVOA_N
ClientSampleId :
PB167374TB

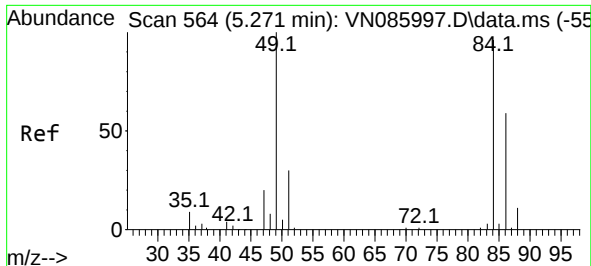
Tgt Ion:168 Resp: 169659
Ion Ratio Lower Upper
168 100
99 59.4 49.4 74.2



#16
Acetone
Concen: 61.244 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN086176.D
Acq: 31 Mar 2025 17:50

Tgt Ion: 43 Resp: 43469
Ion Ratio Lower Upper
43 100
58 37.0 29.4 44.2





#20

Methylene Chloride

Concen: 59.385 ug/l

RT: 5.277 min Scan# 5

Delta R.T. 0.006 min

Lab File: VN086176.D

Acq: 31 Mar 2025 17:50

Instrument :

MSVOA_N

ClientSampleId :

PB167374TB

Tgt Ion: 84 Resp: 123304

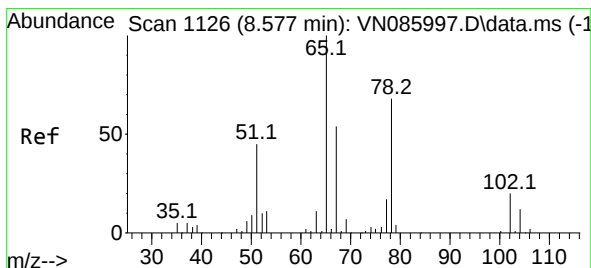
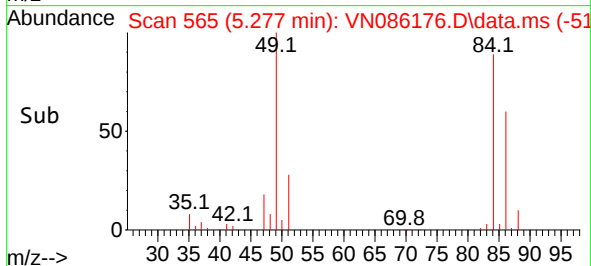
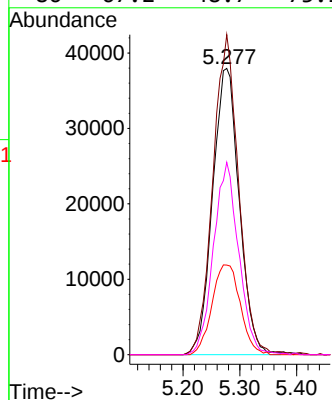
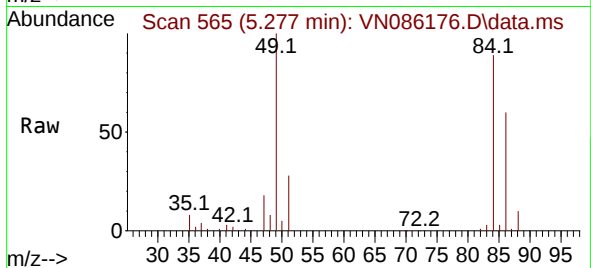
Ion Ratio Lower Upper

84 100

49 111.8 83.3 124.9

51 31.3 24.8 37.2

86 67.2 48.7 73.1



#33

1,2-Dichloroethane-d4

Concen: 54.195 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086176.D

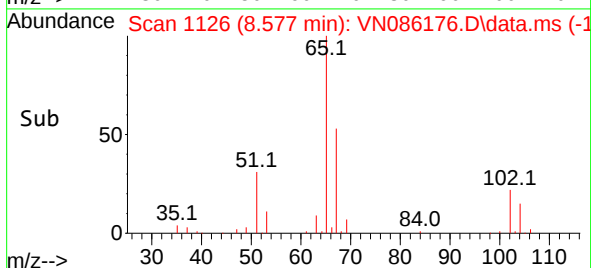
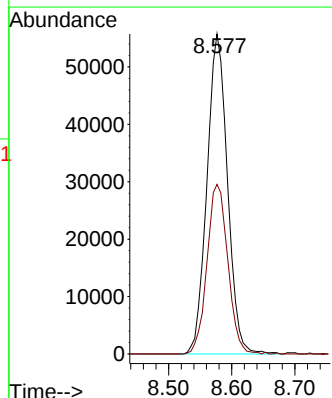
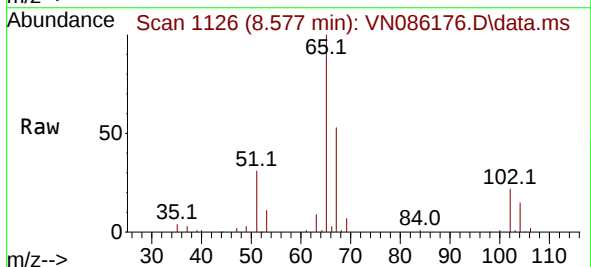
Acq: 31 Mar 2025 17:50

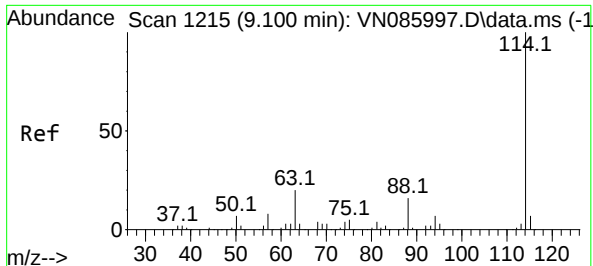
Tgt Ion: 65 Resp: 125907

Ion Ratio Lower Upper

65 100

67 53.8 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086176.D

Acq: 31 Mar 2025 17:50

Instrument :

MSVOA_N

ClientSampleId :

PB167374TB

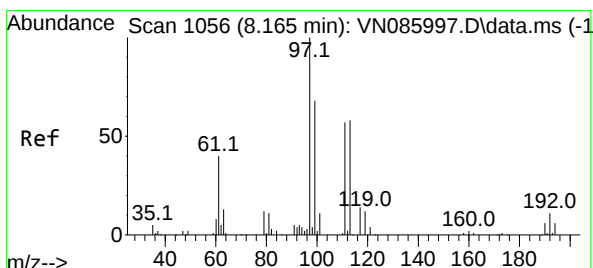
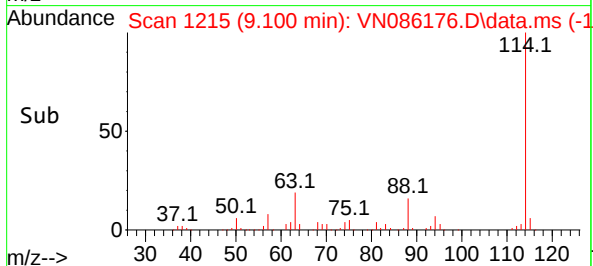
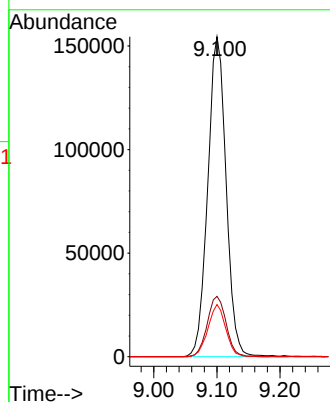
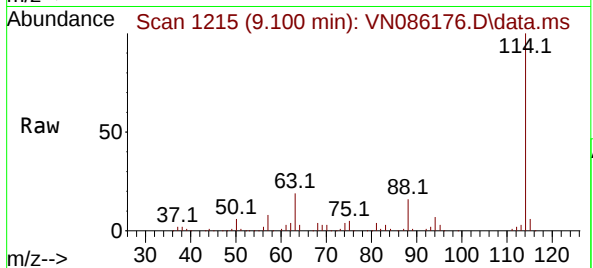
Tgt Ion:114 Resp: 311763

Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.6

88 16.3 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.023 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086176.D

Acq: 31 Mar 2025 17:50

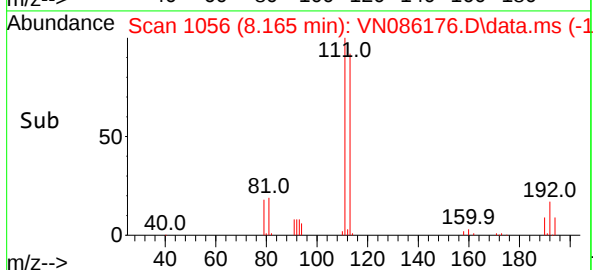
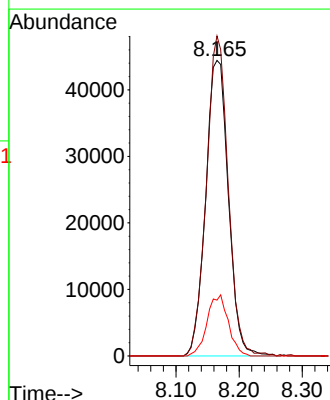
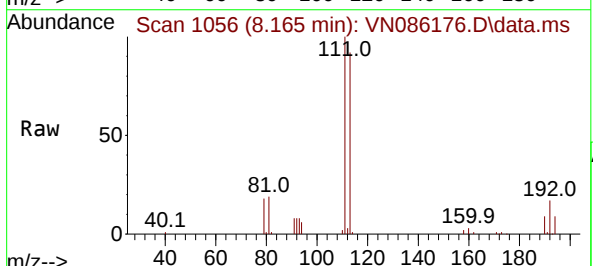
Tgt Ion:113 Resp: 111029

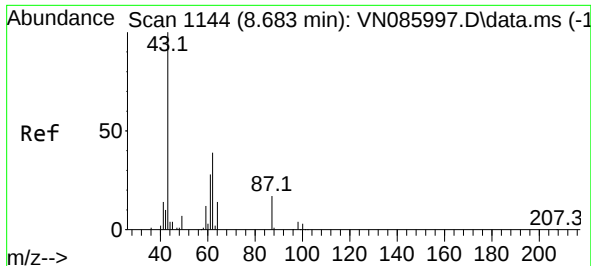
Ion Ratio Lower Upper

113 100

111 103.8 81.8 122.8

192 19.3 15.9 23.9

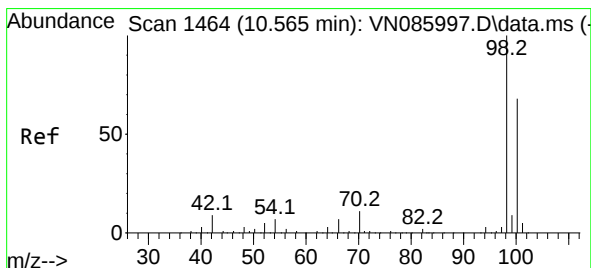
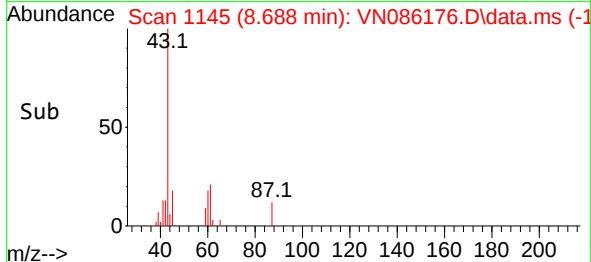
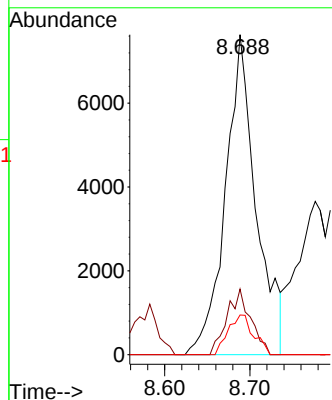
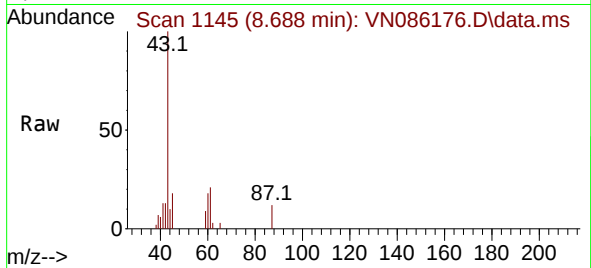




#43
Isopropyl Acetate
Concen: 3.640 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086176.D
Acq: 31 Mar 2025 17:50

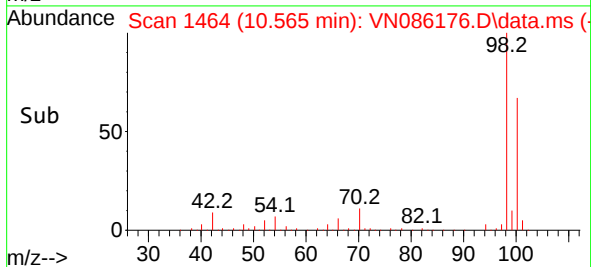
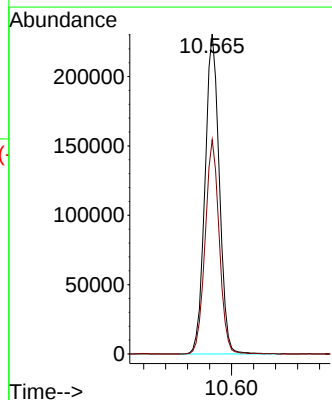
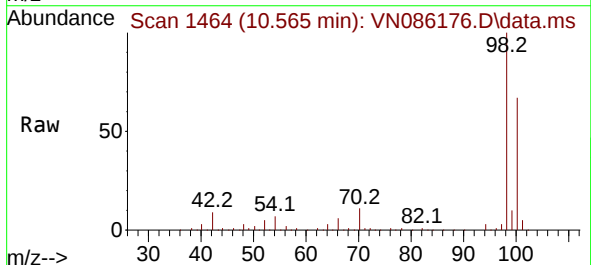
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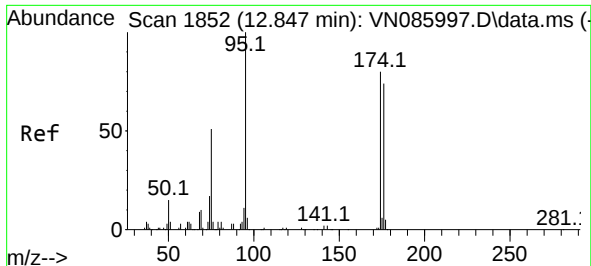
Tgt Ion: 43 Resp: 19067
Ion Ratio Lower Upper
43 100
61 15.9 25.0 37.6#
87 10.3 13.0 19.4#



#50
Toluene-d8
Concen: 52.750 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086176.D
Acq: 31 Mar 2025 17:50

Tgt Ion: 98 Resp: 416596
Ion Ratio Lower Upper
98 100
100 65.9 53.1 79.7

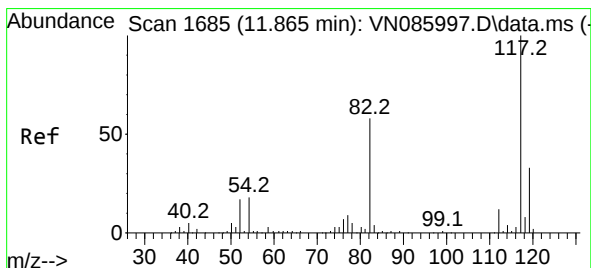
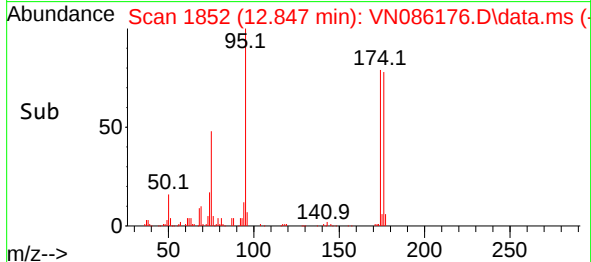
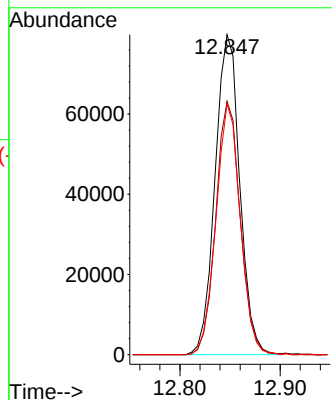
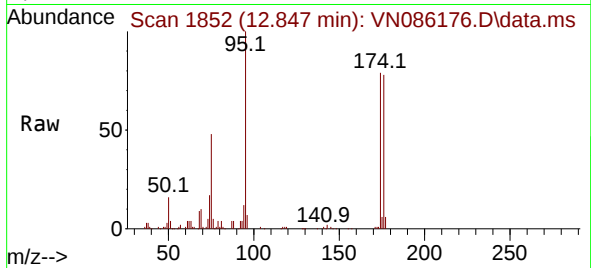




#62
4-Bromofluorobenzene
Concen: 48.363 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086176.D
Acq: 31 Mar 2025 17:50

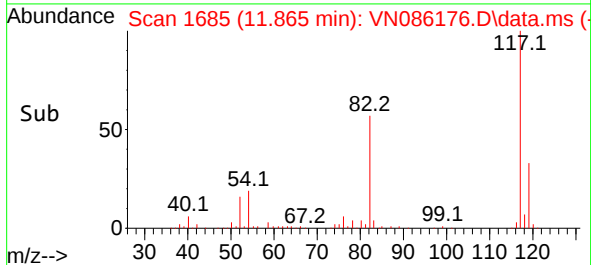
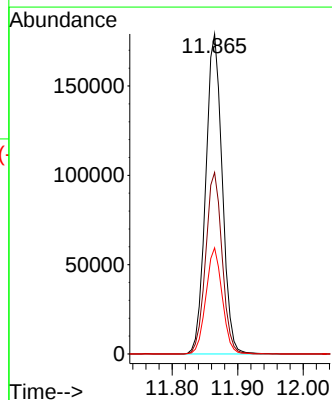
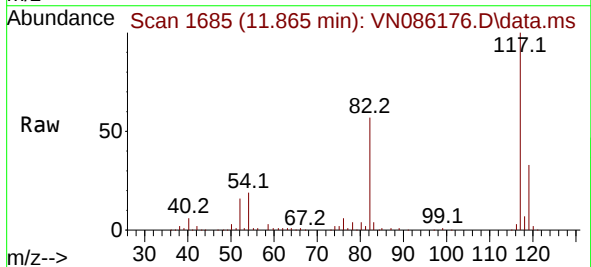
Instrument :
MSVOA_N
ClientSampleId :
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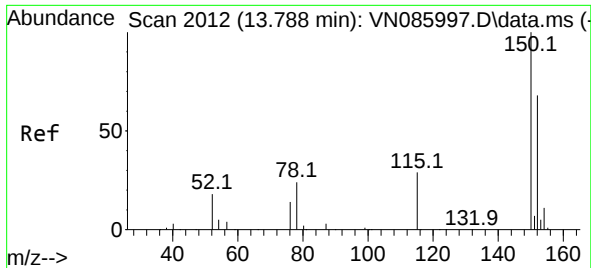
Tgt Ion: 95 Resp: 136216
Ion Ratio Lower Upper
95 100
174 78.5 0.0 156.8
176 77.0 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086176.D
Acq: 31 Mar 2025 17:50

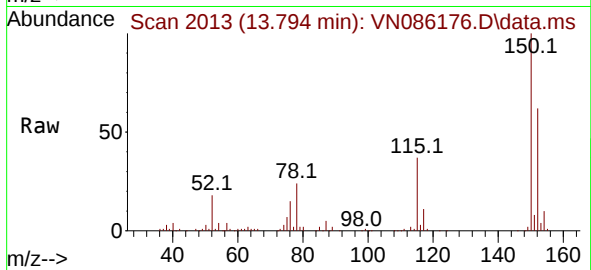
Tgt Ion: 117 Resp: 313539
Ion Ratio Lower Upper
117 100
82 56.7 46.7 70.1
119 33.2 26.5 39.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN086176.D
Acq: 31 Mar 2025 17:50

Instrument :
MSVOA_N
ClientSampleId :
PB167374TB



Tgt Ion:152 Resp: 119498
Ion Ratio Lower Upper
152 100
115 60.8 31.1 93.2
150 160.6 0.0 359.6

